SMP Male Bulkhead Mount Engineering Grade Smooth Bore Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405



PE48095

Configuration

- Smooth Bore SMP Male Connector
- 50 Ohms
- Straight Body Geometry
- Connector Interface Types: PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405
- Bulkhead
- Engineering Grade Design

Features

- Max. Operating Frequency 26.5 GHz
- Excellent VSWR of 1.25:1
- Gold over Nickel-Phosphorus Alloy over Copper Plated Beryllium Copper Contact
- Blind Mate Connector

Applications

- General Purpose Test
- Rack and Panel Mount Applications
- Custom Cable Assemblies

Description

Pasternack's PE48095 SMP Male Smooth Bore Bulkhead Mount Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN and RG405 Cable is part of our full line of RF components available for same-day shipping. Our SMP male connector operates up to a maximum frequency of 26.5 GHz and offers excellent VSWR of 1.25:1. The Pasternack blind mate connector is ideal for applications where direct visual or tactile access to the connection point is not possible, for example, when two circuit boards need to be mated. This SMP bulkhead connector allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

Our SMP male bulkhead connector PE48095 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		26.5	GHz
VSWR			1.25:1	
Insertion Loss			0.309	dB
Operating Voltage (AC)			335	Vrms
Dielectric Withstanding Voltage (AC)			500	Vrms
Inner Conductor DC Resistance			6	mOhms
Outer Conductor DC Resistance			2	mOhms
Insulation Resistance	5,000			MOhms
RF Leakage	65			dB
Impedance		50		Ohms

Electrical Specification Notes:
Insertion loss = 0.06*SQRT(FGHz) dB

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PE48095

Mechanical Specifications

Size

Length	0.366 in [9.3 mm]
Width	0.229 in [5.82 mm]
Height	0.229 in [5.82 mm]
Weight	0.05 lbs [22.68 g]
Mating Cycles	1,000 Cycles
Engagement Force	2lbs [907.18g]
Disengagement Force	0.5lbs [226.8g]

Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold over Nickel-Phosphorus Alloy over Copper
Insulation	PTFE	
Body	Passivated Stainless Steel	
Coupling Nut	Passivated Stainless Steel	

Environmental Specifications

Temperature

Operating Range	-65 to +165 deg C
Humidity	MIL-STD-202, Method 106
Thermal Shock	MIL-STD-202, Method 107, Condition B
Salt Spray	MIL-STD-202, Method 101, Condition B

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

SMP Male Bulkhead Mount Engineering Grade Smooth Bore Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMP Male Bulkhead Mount Engineering Grade Smooth Bore Connector Solder Attachment for PE-SR405AL, PE-SR405FL, PE-SR405FLJ, PE-SR405TN, RG405 PE48095

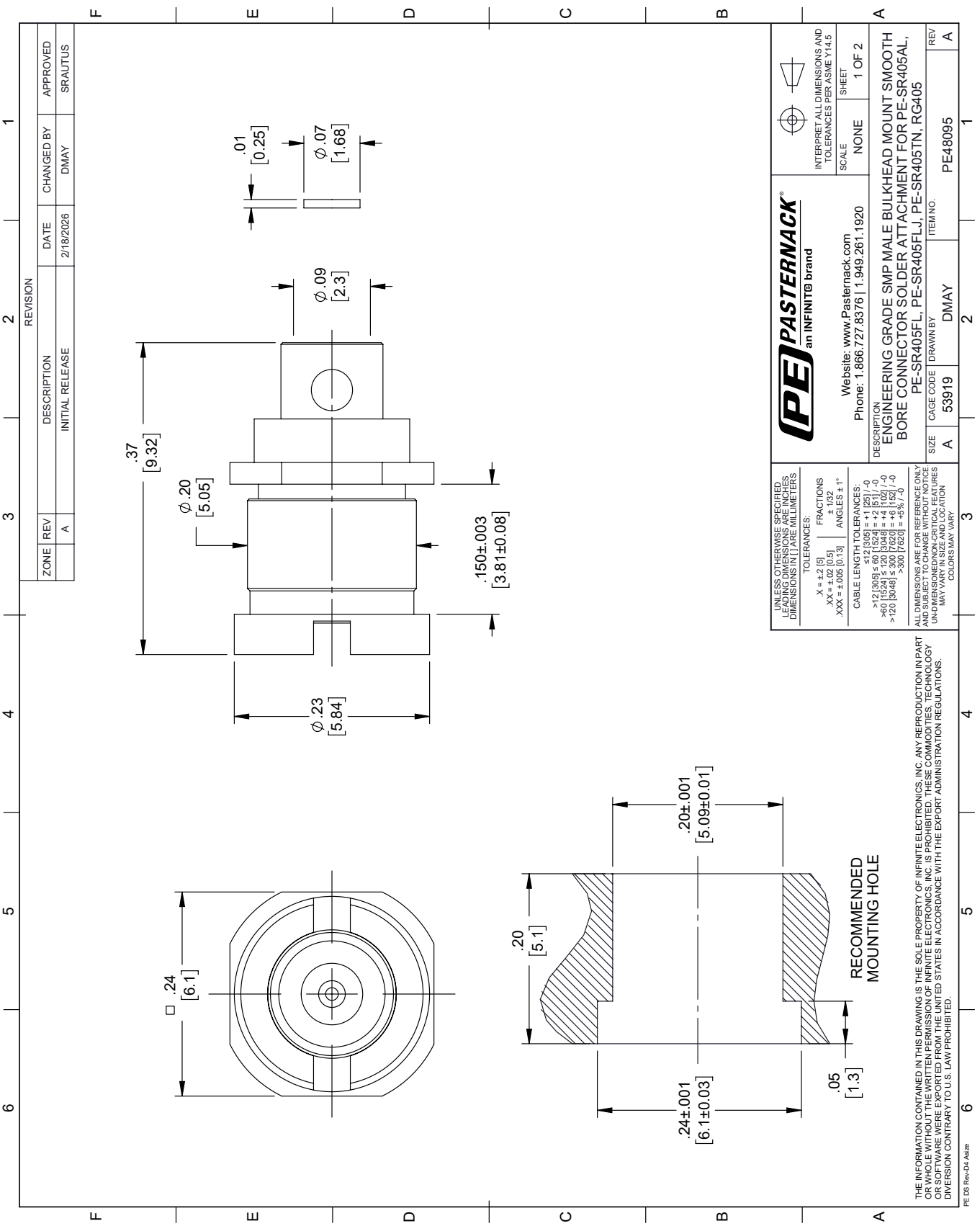
URL: https://www.pasternack.com/smp-male-smooth-bore-pe-sr405al-pe-sr405fl-connector-pe48095.html

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PE48095 CAD Drawing

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